

DFW

PATENT
675301-2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : PEYMAN
Serial No. : 10/828,982
For : OCULAR THERAPY WITH REDUCED OCULAR
NEOVASCULARIZATION
Filed : April 21, 2004
Examiner : TBA
Art Unit : 1614

745 Fifth Avenue
New York, NY 10151

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 15, 2005.

Thomas J. Kowalski, Reg. No. 32,147

(Name of Applicant, Assigned or Registered Representative)

Thomas J. Kowalski

Signature

March 15, 2005

Date of Signature

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants respectfully direct the Examiner's attention to the documents listed on the accompanying PTO-1449 form, and which are enclosed herewith.

The Information Disclosure Statement submitted herewith is being filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fee is required. However, the Commissioner is authorized to charge any additional fee, or to credit any overpayment in fees, to Deposit Account No. 50-0320.

The filing of this Information Disclosure Statement is not an admission that the documents identified herein constitute prior art to the present application.

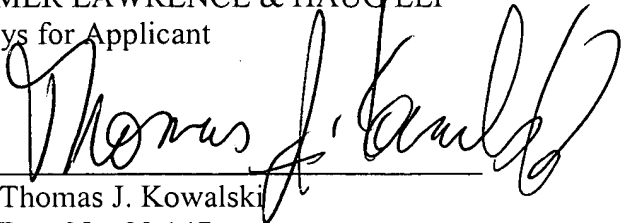
Consideration of this Information Disclosure Statement is respectfully requested.

Applicants respectfully request that a copy of Form PTO-1449 be initialed by the Examiner and returned to the undersigned.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicant

By:


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Based on Form PTO-1449
(3/90)

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LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Peyman

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GROUP

1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,011,023	01-2000	Clark, et al.			
	AB	4,079,038	03-1978	Choi, et al.			
	AC	4,093,709	06-1978	Choi, et al.			
	AD	4,131,648	12-1978	Choi, et al.			
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	AH	4,946,931	08-1990	Heller, et al.			
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	AJ	6,413,536	07-2002	Gibson, et al.			
	AK	6,596,296	07-2003	Nelson, et al.			
	AL	6,613,355	09-2003	Ng, et al.			
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	AO	6,395,294	05-2002	Peyman, et al.			
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ		Ashton et al., Effect of Cortisone on Vascularization and Opacification of the Cornea Induced by Alloxan, Brit J Ophthal, 35:718-724 (1951).					
	AR		Bressler et al., Photodynamic Therapy of Subfoveal Choroidal Neovascularization in Age-related Macular Degeneration with Verteporfin, Arch Ophthalmol 1999; 117:1329-1345. (no copy, cite to 10/886,409 9/24/04 IDS)					
	AS		Calabresi et al., Antineoplastic Agents, Goodman and Gilman's The Pharmacological Basis of Therapeutics, Eight Edition, Pergamon Press, New York, 1990, Chap. 52, pp. 1209-1263. (no copy, cite to 10/886,409 9/24/04 IDS)					

EXAMINER

DATE CONSIDERED

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	AT		Chang et al., Corneal neovascularization, Current Opinion in Ophthalmology, 12:242-249 (2001)				
	AU		Crum et al., A New Class of Steroids Inhibits Angiogenesis in the Presence of Heparin or a Heparin Fragment, Science, 230:1375-8 (Dec 20, 1985).				
	AV		Dana et al., Loss and Restoration of Immune Privilege in Eyes with Corneal Neovascularization, Investigative Ophthalmology & Visual Science, Vol.37, No.12:2486-2494 (Nov 1996).				
	AW		Deutsch et al., Suppressive Effects of Indomethacin on Thermally Induced Neovascularization of Rabbit Corneas, Amer J Ophthalmology, 87:536-540 (1979).				
	AX		Ezra, Neovascuogenesis. Triggering Factors and Possible Mechanisms, Survey of Ophthalmology, Vol.24, No.3:167-176 (Nov-Dec 1979).				
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	BA		Folkman et al., Angiogenesis, J Biol Chem, 267: 10931-10934 (1992).				
	BB		Franklin et al., Uptake of Tetracycline by Aortic Aneurysm Wall and Its Effect on Inflammation and Proteolysis, Brit J Surgery, 86:771-775 (1999).				
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	BD		Hanemaaijer et al., Inhibition of MMP Synthesis by Docycycline and Chemically Modified Tetracyclines (CMTs) in Human Endothelial Cells, Adv Dent Res, 12:114-118 (Nov 1998).				
	BE		Harris et al., Implantation of a Sustained-Release Ganciclovir Implant, Chapter 45 of Vitreoretinal Surgical Techniques, Eds. Peyman, Meffert, Conway, and Chou, Martin Dunitz Ltd. (2001).				
	BF		Jayson et al., Heparin Oligosaccharides: Inhibitors of the Biological Activity of bFGF on Caco-2 Cells, Brit J Cancer, 75(1):9-16 (1997).				
	BG		Joussen et al., Topical Application of Methotrexate for Inhibition of Corneal Angiogenesis, Graefe's Arch Clin Exp Ophthalmol, 237:920-927 (1999).				
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	BL		Peyman et al., Eds., Vitreoretinal Surgical Techniques, Martin Dunitz, London, 2001, Chapter 45.				
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	BM		Phillips et al., Effects of Prednisolone and Medroxyprogesterone on Corneal Wound Healing, Ulceration, and Neovascularization, <i>Arch Ophthalmol.</i> , Vol.101:640-643 (1983).				
	BN		Proia et al., The Effect of Angiostatic Steroids and B-Cyclodextrin Tetradecasulfate on Corneal Neovascularization in the Rat, <i>Exp Eye Res.</i> , 57:693-698.				
	BO		Seftor et al., Targeting the Tumor Microenvironment with Chemically Modified Tetracyclines: Inhibition of Laminin 5 γ 2 Chain Promigratory Fragments and Vasculogenic Mimicry, <i>Molecular Cancer Therapeutics</i> , Vol.1:1173-1179 (Nov 2002).				
	BP		Smorenburg et al., The Complex Effects of Heparins on Cancer Progression and Metastasis in Experimental Studies, <i>Pharm Reviews</i> , Vol.53, No.1:93-105 (2001).				
	BQ		Sorsa et al., Functional Sites of Chemically Modified Tetracyclines: Inhibition of the Oxidative Activation of Human Neutrophil and chicken Osteoclast Pro-matrix Metalloproteinases, <i>J Rheumatology</i> , 25(5):975-982 (1998).				
	BR		Totan et al., Effect of Caffeic Acid Phenethyl Ester on Corneal Neovascularization in Rats, <i>Current Eye Research</i> , Vol.23, No.4:291-297 (2001).				
	BS		Wise DL, <i>Handbook of Pharmaceutical Controlled Release Technology</i> , Marcel Dekker, Inc. New York, pp. 108-119, 155-285, 510-516 (2000).				
	BT		Danis et al., <i>Inhibition of preretinal and optic nerve head neovascularization in pigs by intravitreal triamcinolone acetonide</i> , <i>Ophthalmology</i> , (1996), 103:2099-2104.				
	BU		Jonas et al., <i>Regression of neovascular iris vessels by intravitreal injection of crystalline cortisone</i> ; <i>J Glaucoma</i> , (2001), 10:284-287.				
	BV		Jonas et al., <i>Intravitreal injection of crystalline cortisone as adjunctive treatment of proliferative diabetic retinopathy</i> ; <i>Amer J Ophthalmol.</i> , (2001), 131:468-471.				
	BW		Jonas et al., <i>Intravitreal injection of crystalline cortisone as treatment of pre-phthical ocular hypotony</i> ; <i>Graefe's Arch Clin Exp Ophthalmol.</i> , (2001), 239:464-465.				
	BX		Jonas et al., <i>Intravitreal triamcinolone acetonide for cataract surgery with iris neovascularisation</i> ; <i>J Cataract Refract Surg.</i> , (2002), 28:2040-2041.				
	BY		Jonas et al., <i>Intravitreal injection of triamcinolone for diffuse diabetic macular edema</i> ; <i>Archives of Ophthalmol.</i> , (Jan 2003), 121:57-61.				
	BZ		Jonas et al., <i>Intraocular pressure after intravitreal injection of triamcinolone acetonide</i> ; <i>Br J Ophthalmol.</i> , (Jan 2003), 87:24-27.				
	CA		McCuen II et al., <i>The lack of toxicity of intravitreally administered triamcinolone acetonide</i> , <i>Amer J Ophthalmol.</i> , (1981), 91:785-788.				
	CB		Peyman et al., <i>Triamcinolone acetonide as an aid to visualization of the vitreous and the posterior hyaloid during pars plana vitrectomy</i> , <i>Retina</i> , (2000), 20:554-555.				
	CC		Sakamoto et al., <i>Optic disk cup filled with triamcinolone</i> , <i>Retina</i> , (2002), 22:516-518.				
	CD		Wilson et al., <i>Treatment with intravitreal steroid reduces blood-retinal barrier breakdown due to retinal photocoagulation</i> , <i>Arch Ophthalmol.</i> , (1992), 110:1155-1159.				
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